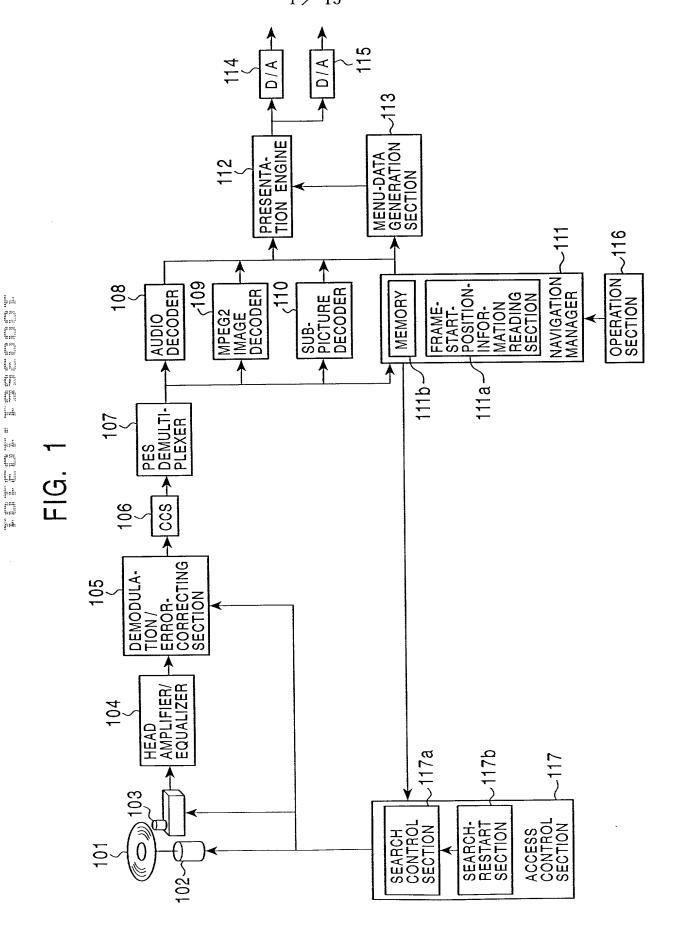
Inventor(s): MITSUHIRO MURATA Attorney Docket No. and Serial No. 9333/282

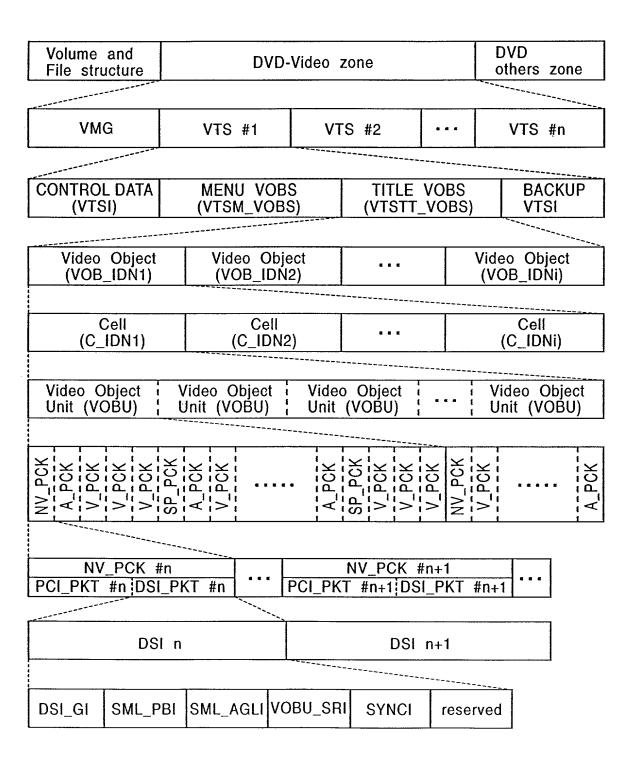


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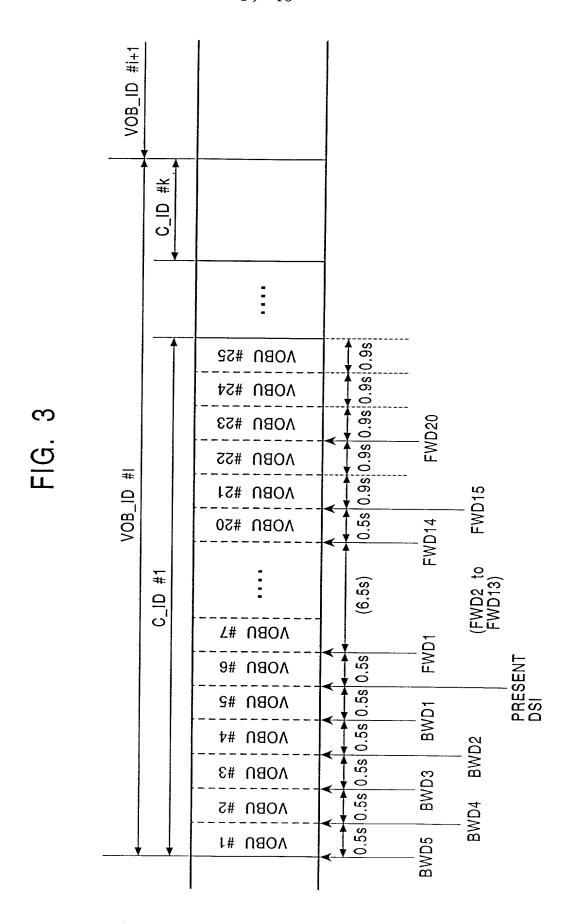
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Patent Application for: RECORDING-MEDIUM REPRODUCTION METHOD AND RECORDING-MEDIUM REPRODUCTION APPARATUS
Inventor(s): MITSUHIRO MURATA
Attorney Dockey No 2 and Serial No. 9333/282

FIG. 2



Inventor(s): MITSUHIRO MURATA
Attorney Docket No. and Sprial No. 9333/282



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Patent Application for: RECORDING-MEDIUM REPRODUCTION METHOD AND RECORDING-MEDIUM REPRODUCTION APPARATUS

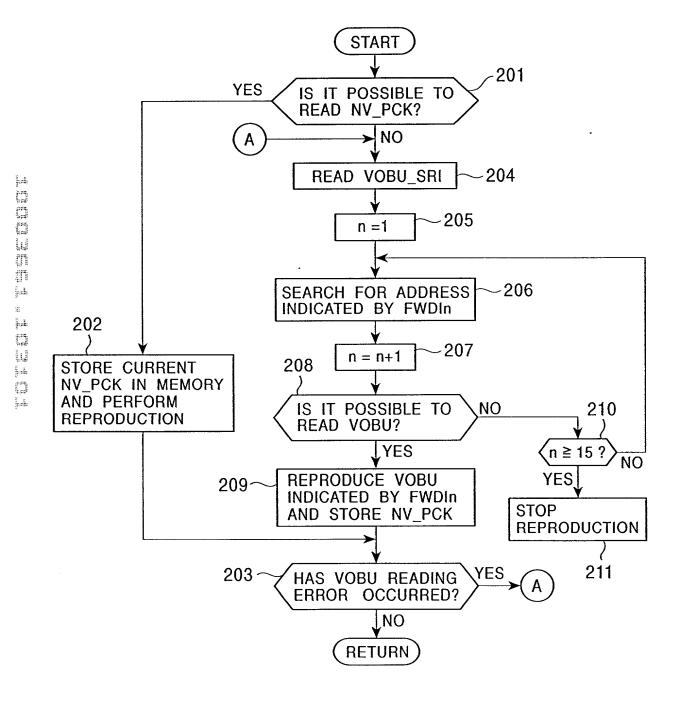
Inventor(s): MITSUHIRO MURATA Attorney Docket No. and Serial No. 9333/282

FIG. 4

| NAME | CONTENT | NO. OF BYTES |
|------------|--|--------------|
| | | |
| FWDI Video | START ADDRESS OF NEXT VOBU HAVING VIDEO DATA | 4 BYTES |
| FWDI 240 | START ADDRESS OF +240 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 120 | START ADDRESS OF +120 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 60 | START ADDRESS OF +60 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 20 | START ADDRESS OF +20 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 15 | START ADDRESS OF +15 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 14 | START ADDRESS OF +14 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 13 | START ADDRESS OF +13 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 12 | START ADDRESS OF +12 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 11 | START ADDRESS OF +11 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 10 | START ADDRESS OF +10 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 9 | START ADDRESS OF +9 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 8 | START ADDRESS OF +8 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 7 | START ADDRESS OF +7 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 6 | START ADDRESS OF +6 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 5 | START ADDRESS OF +5 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 4 | START ADDRESS OF +4 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 3 | START ADDRESS OF +3 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 2 | START ADDRESS OF +2 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI 1 | START ADDRESS OF +1 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| FWDI Next | START ADDRESS OF NEXT VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI Prev | START ADDRESS OF PRECEDING VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 1 | START ADDRESS OF -1 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 2 | START ADDRESS OF -2 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 3 | START ADDRESS OF -3 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 4 | START ADDRESS OF -4 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 5 | START ADDRESS OF -5 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 6 | START ADDRESS OF -6 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 7 | START ADDRESS OF -7 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 8 | START ADDRESS OF -8 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 9 | START ADDRESS OF -9 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 10 | START ADDRESS OF -10 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 11 | START ADDRESS OF -11 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 12 | START ADDRESS OF -12 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 13 | START ADDRESS OF -13 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 14 | START ADDRESS OF -14 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 15 | START ADDRESS OF -15 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 20 | START ADDRESS OF -20 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 60 | START ADDRESS OF -60 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 120 | START ADDRESS OF -120 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI 240 | START ADDRESS OF -240 VOBU AND VIDEO STORAGE FLAG | 4 BYTES |
| BWDI Video | START ADDRESS OF PRECEDING VOBU HAVING VIDEO DATA | 4 BYTES |

MEDIUM REPRODUCTION APPARATUS
Inventor(s): MITSUHIRO MURATA
Attorney Docket No. 2765Serial No. 9333/282

FIG. 5



MEDIUM REPRODUCTION APPARATUS Inventor(s): MITSUHIRO MURATA

Attorney Docket No. and Serial No. 9333/282

#1+1+ - VOB_IDN #s+t #u -- U# Cell :: **PROGRAM** Cell #i+j+1 ## Cell #2 # VOB_IDN #s Ce # PROGRAM # Cell # Cell VOB_IDN #1 VOBS - PGCI PGC

FIG.

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Inventor(s): MITSUHIRO MURATA Attorney Docket No/and Serial No. 9333/282

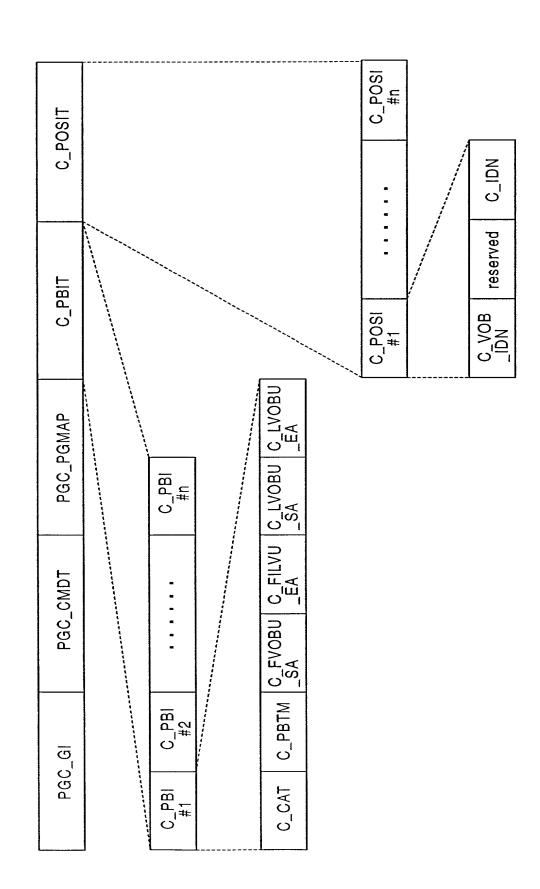
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| | T C_POSIT | ıf Cells |
|-----------|--|--------------------|
| C_POSIT | CTLT CTLT CTL CTL CTL CTL CTL CTLT CTT CMDT_SA PGMAP_SA SA | Number of Cells |
| | DT_SA PGN | S |
| C_PBIT | PGC_SP PG(_PLT_CM | Number of Programs |
| GMAP | PGC_NV _CTL | Numbe |
| PGC_PGMAP | PGC_SPST_CTLT | |
| PGC_CMDT | PGC_ UOP_CTL AST_CTL1 | |
| P. P. G. | PGC UOP_C | reserved |
| PGC_GI | PGC_CNT PGC_ | |

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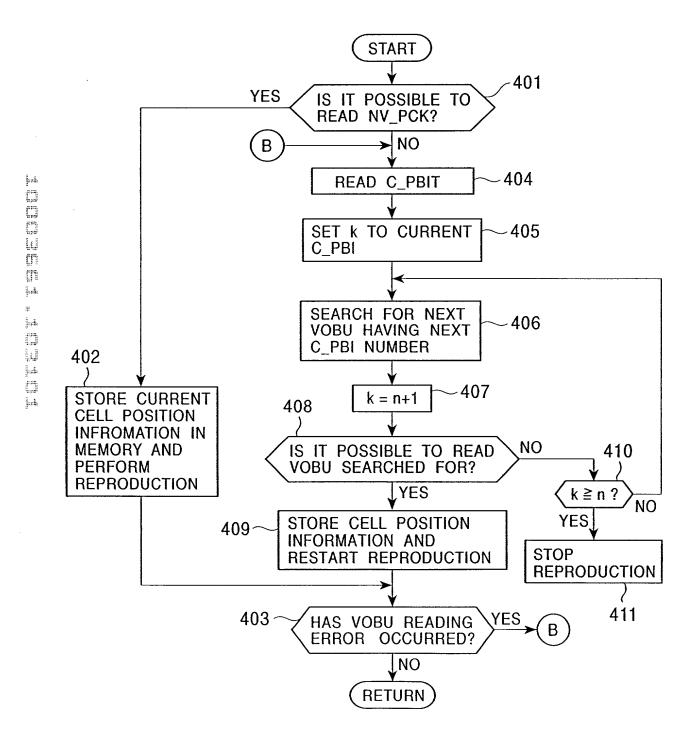
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Inventor(s): MITSUHIRO MURATA
Attorney Docket No. and Serial No. 9333/282

FIG. 9



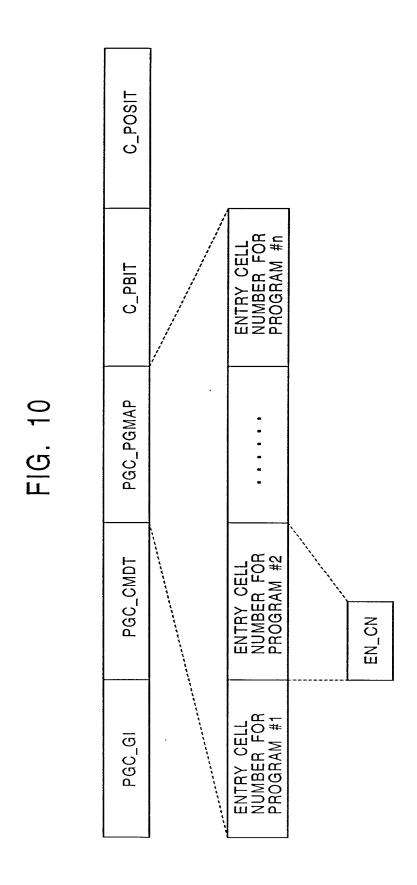
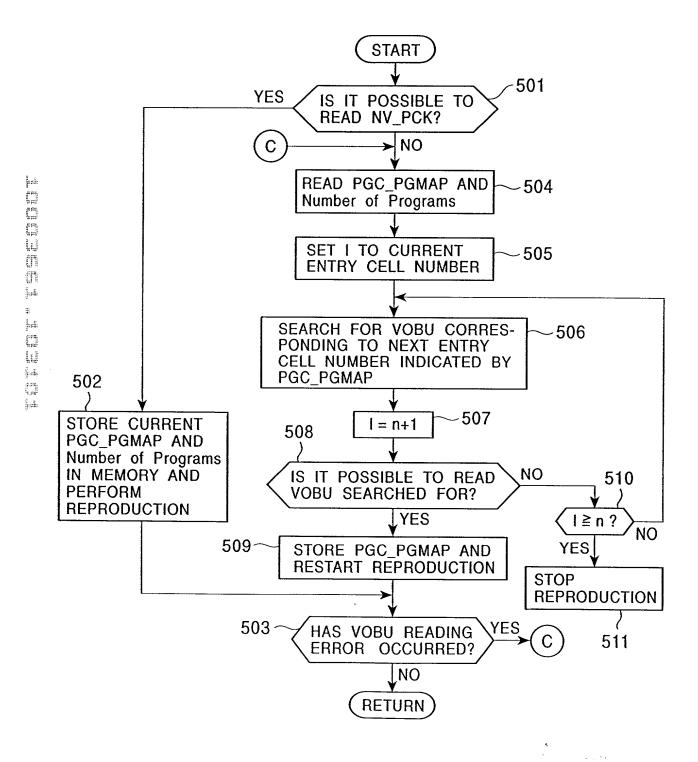


FIG. 11



Patent Application for: RECORDING-MEDIUM REPRODUCTION METHOD AND RECORDING-MEDIUM REPRODUCTION APPARATUS

Inventor(s): MITSUHIRO MURATA Attorney Docket No. and Serial No. 9333/282

FIG. 12

| | | C_POSIT_SA | |
|-----------|-----|--|-------------------------------------|
| C_POSIT | | C_PBIT_SA | Still time value |
| 0 | | PGC_SP PGC_ PGC_ C_PBIT C_PLT CMDT_SA PGMAP_SA _SA | PG Playback mode |
| C_PBIT | | PGC_CMDT_SA | GoUP_ PGCN_ (LOWER BIT) |
| 5 | | PGC_SP _PLT | GoUP_ PGCN (UPPER BIT) |
| PGC_PGMAP | 1 ! | CTLT CTLT CTLT | Prev PGCN (LOWER BIT) |
| PGC_F | | PGC_SPST_CTLT | Prev. PGCN (UPPER BIT) |
| PGC_CMDT | i | PGC_ AST_CTLT | reserved |
| PGC | | PGC_ UOP_CTL AST_C | Next PGCN (LOWER BIT) |
| PGC_GI | | PGC PB_TM | Next PGCN (UPPER BIT) |
| PGC | | PGC_CNT | reserved |

Patent Application for: RECORDING-MEDIUM REPRODUCTION METHOD AND RECORDING-MEDIUM REPRODUCTION APPARATUS

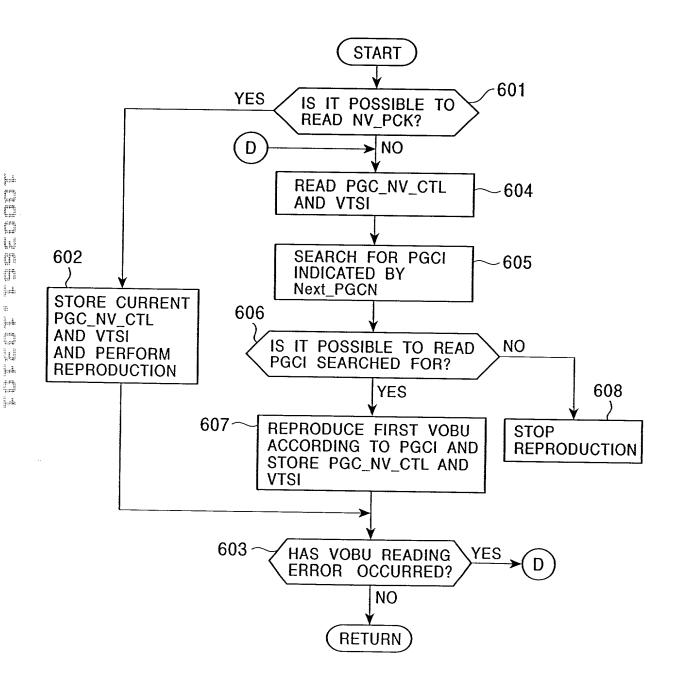
Inventor(s): MITSUHIRO MURATA
Attorney Docket No. and Serial No. 9333/282

FIG. 13

| VTSM_C_ VTSM_VOBU VTS_C_ VTS_VOBU ADTADMAP | |
|--|---------------------|
| VTS_C_ ADT | VTS_PGCI |
| VTSM_VOBU _ADMAP | : |
| VTSM_C_ ADT | VTS_PGCI VTS_PGCI |
| VTS TMAPT | VTS_PGCI_SRP_#n |
| VTSM_ PGCI_UT | |
| VTS_PGCIT | VTS_PGCI _SRP #2 |
| VTS_PTT_ SRPT | VTS_PGCI _SRP #1 |
| VTSI_MAT | VTS_ PGCITI |

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FIG. 14



Inventor(s): MITSUHIRO MURATA
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FIG. 15

